

Connecticut Precipitation
National Weather Service Offices
Boston/Norton MA, Albany NY, Upton NY
Preliminary Precipitation Data (inches) by County
Precipitation Data Through March 2021
Includes CoCoRaHS data

CT 1 Month March 2021	Rainfall	Departure	Percent	Normal
Litchfield	2.39	-1.77	58	4.16
Hartford	2.55	-1.56	62	4.11
Tolland	2.47	-1.87	57	4.34
Windham	2.59	-1.86	58	4.45
Fairfield	2.72	-1.64	62	4.36
New Haven	3.04	-1.31	70	4.35
Middlesex	3.30	-1.05	76	4.35
New London	3.27	-1.60	67	4.87

CT 2 month Feb-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	5.90	-1.58	79	7.48
Hartford	5.82	-1.56	79	7.38
Tolland	5.58	-2.11	73	7.69
Windham	5.99	-1.75	77	7.74
Fairfield	6.66	-0.80	89	7.46
New Haven	7.17	-0.33	96	7.50
Middlesex	7.75	0.06	101	7.69
New London	6.81	-1.46	82	8.27

CT 3 month Jan-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	7.78	-3.26	70	11.04
Hartford	8.17	-2.83	74	11.00
Tolland	7.90	-3.62	69	11.52
Windham	8.70	-2.78	76	11.48
Fairfield	8.44	-2.60	76	11.04
New Haven	8.75	-2.31	79	11.06
Middlesex	10.12	-1.32	88	11.44
New London	9.80	-2.20	82	12.00

CT 4 month Dec 20-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	14.96	-0.08	100	15.04
Hartford	16.06	1.12	107	14.94
Tolland	15.80	0.12	101	15.69
Windham	18.19	2.46	116	15.73
Fairfield	14.50	-0.62	96	15.12
New Haven	16.39	1.44	110	14.95
Middlesex	18.41	2.65	117	15.76
New London	17.22	0.93	106	16.29

CT 5 month Nov 20-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	18.82	-0.48	98	19.30
Hartford	19.62	0.21	101	19.41
Tolland	19.69	-0.50	98	20.19
Windham	22.61	2.44	112	20.17
Fairfield	18.49	-0.92	95	19.41
New Haven	20.56	1.45	108	19.11
Middlesex	22.70	2.60	113	20.10
New London	21.95	1.16	106	20.79

CT 6 month Oct 20-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	24.05	-0.08	100	24.13
Hartford	26.03	1.72	107	24.31
Tolland	25.69	0.75	103	24.94
Windham	27.39	2.70	111	24.69
Fairfield	23.82	-0.14	99	23.96
New Haven	26.05	2.30	110	23.75
Middlesex	27.70	2.23	109	25.47
New London	27.14	2.07	108	25.08

CT 7 month Sep 20-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	27.27	-1.27	96	28.54
Hartford	28.27	-0.31	99	28.58
Tolland	27.50	-1.37	95	28.87
Windham	28.67	-0.13	100	28.80
Fairfield	27.05	-1.18	96	28.23
New Haven	28.68	0.99	104	27.69
Middlesex	29.71	0.55	102	29.16
New London	28.45	-0.86	97	29.31

CT 12 month Apr 20-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	44.82	-5.90	88	50.72
Hartford	42.23	-8.62	83	50.84
Tolland	43.95	-6.11	88	50.06
Windham	45.69	-4.48	91	50.17
Fairfield	45.84	-4.37	91	50.21
New Haven	46.41	-2.28	95	48.69
Middlesex	47.45	-3.71	93	51.16
New London	44.17	-5.72	89	49.89

CT 24 month Apr 19-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	96.28	-5.16	95	101.44
Hartford	95.27	-6.41	94	101.69
Tolland	99.78	-0.35	100	100.13
Windham	99.94	-0.41	100	100.35
Fairfield	99.84	-0.58	99	100.42
New Haven	101.41	4.03	104	97.38
Middlesex	103.34	1.02	101	102.32
New London	102.24	2.46	102	99.79

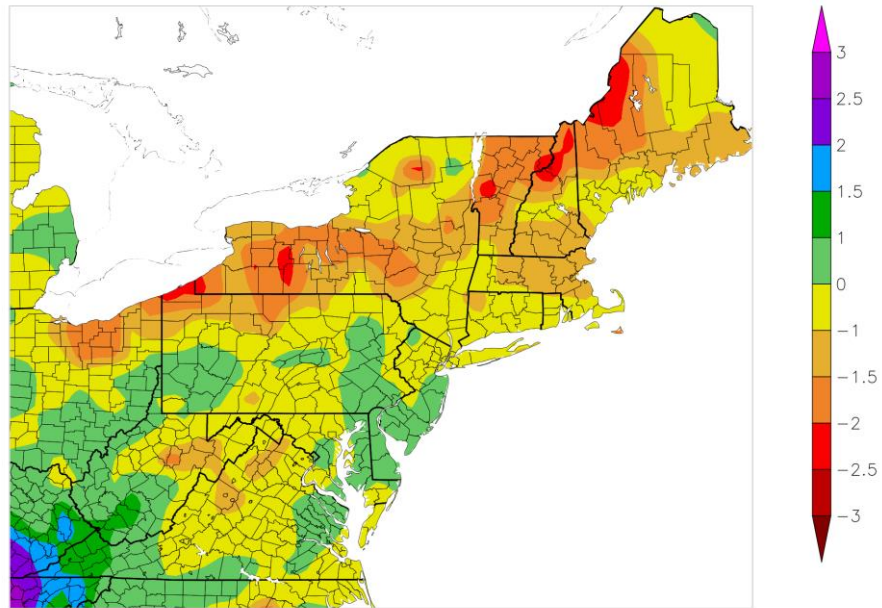
CT 36 month Apr 18-Mar 21	Rainfall	Departure	Percent	Normal
Litchfield	160.72	8.56	106	152.16
Hartford	158.55	6.02	104	152.53
Tolland	161.56	11.37	108	150.19
Windham	163.74	13.22	109	150.52
Fairfield	165.33	14.70	110	150.63
New Haven	164.28	18.22	112	146.06
Middlesex	167.07	13.59	109	153.48
New London	161.71	12.03	108	149.68

County-based monthly precipitation totals are calculated using an average of all available full-month precipitation totals within that County from the following networks: Community Collaborative Rain, Hail and Snow network (CoCoRaHS), Cooperative Weather Observer Program (Coop), and Automated Surface Observing Systems (ASOS) data.

Coop and ASOS sites are part of National Weather Service networks. CoCoRaHS is a community-based network of volunteers that report precipitation.

County-based monthly normals were calculated using 30-year precipitation normals from NOAA/National Centers for Environmental Information (NCEI) for the period of 1981-2010. Monthly normals from 42 stations (consisting of Coop and ASOS stations) were grouped by County to calculate a single monthly normal for each County.

Monthly SPI 3/1/2021 – 3/31/2021

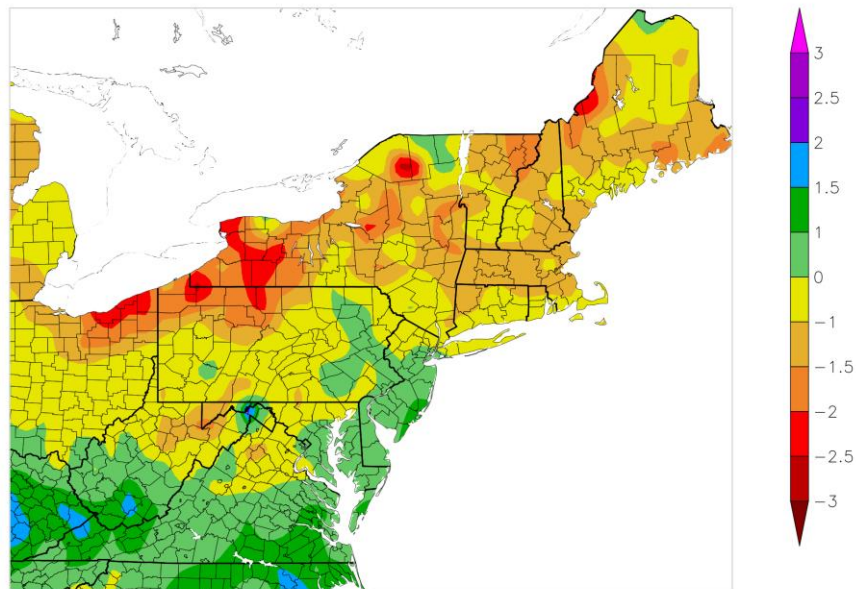


Generated 4/2/2021 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. March 2021 SPI, from NOAA Regional Climate Centers.\

3-Month SPI 1/1/2021 – 3/31/2021

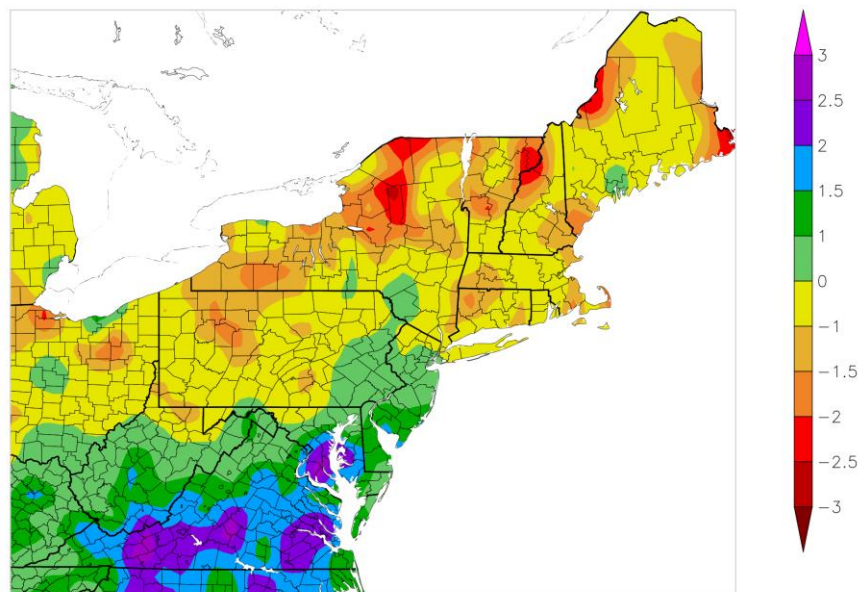


Generated 4/2/2021 at HPRCC using provisional data.

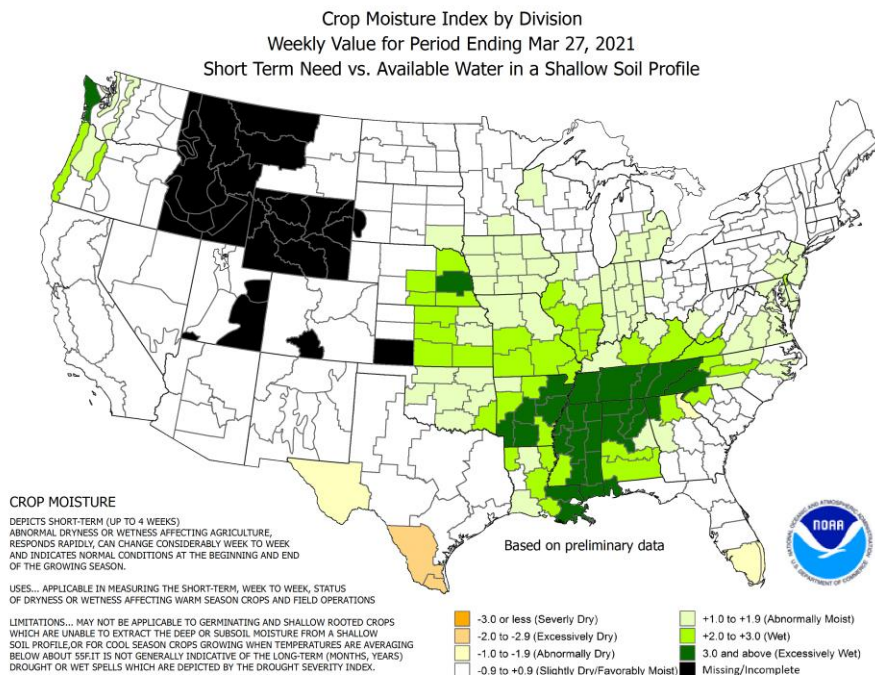
NOAA Regional Climate Centers

Map 2. Three month SPI ending March 2021, from the NOAA Regional Climate Centers.

12-Month SPI 4/1/2020 – 3/31/2021



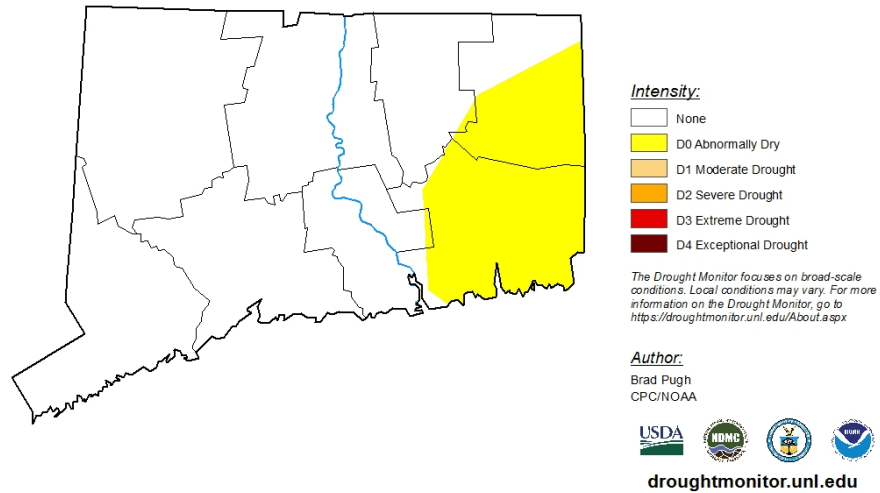
Generated 4/2/2021 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 3. Twelve month SPI ending March 2021, from the NOAA Regional Climate Centers.



Map 4. Palmer Drought Index from the Climate Prediction Center as of 3/27/21. CT Palmer Drought Index values: Northwest -0.75 (Near Normal), Central -0.64 (Near Normal), Coastal -0.50 (Near Normal).

U.S. Drought Monitor
Connecticut

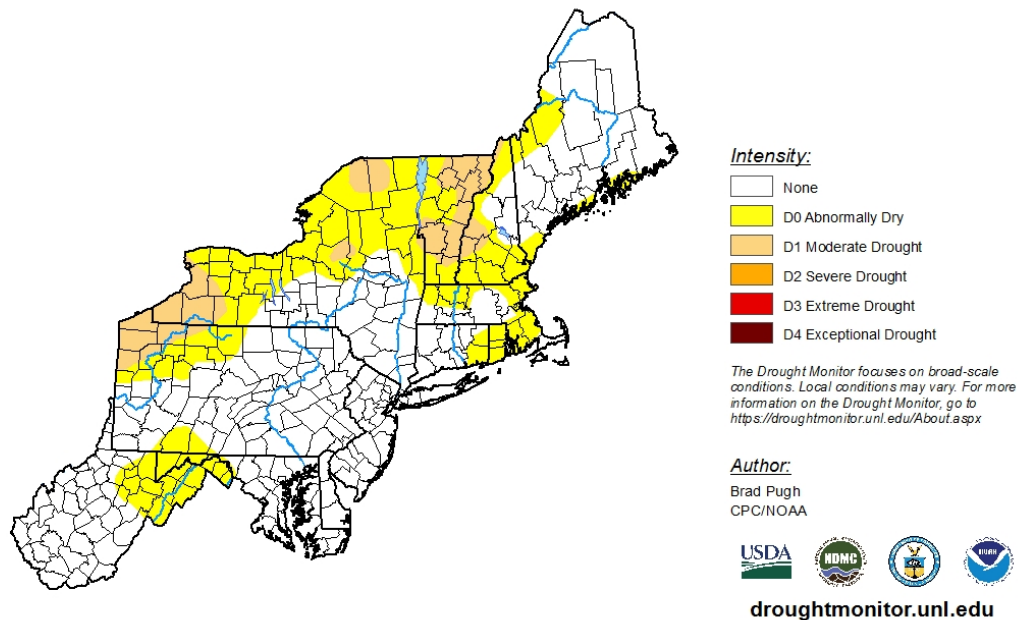
March 30, 2021
(Released Thursday, Apr. 1, 2021)
Valid 8 a.m. EDT



Map 5. U.S. Drought Monitor zoom-in on CT, effective 3/30/2021.

U.S. Drought Monitor
Northeast

March 30, 2021
(Released Thursday, Apr. 1, 2021)
Valid 8 a.m. EDT



Map 6. U.S. Drought Monitor for Northeast US, effective 3/30/2021.